



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/652,962	08/31/2000	YING CHIH CHANG	03848-00050	4091

7590 08/04/2004
John P. Iwanicki
Banner & Witcoff, Ltd.
28 State Street, 28th Floor
Boston, MA 02109

EXAMINER

SHIBUYA, MARK LANCE

ART UNIT PAPER NUMBER

1639

DATE MAILED: 08/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

091652,962

8/31/2000

CHANG et al.

03848-00050

EXAMINER

Mark Shibuya

ART UNIT

PAPER

1639

08012004

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

Please see attached sheets.


PADMASHRI PONNALURI
PRIMARY EXAMINER

Response to Amendment

1. The reply filed on 5/28/2004 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): The amendments to claim 1 make clear that the claim is no longer drawn to the elected invention. In response to the Requirement for Restriction/Election, mailed 1/22/2002, applicant elected, in the paper filed 2/19/2002, Group I, claims 1-8, drawn to a method of preparing a polymeric brush substrate. Claim 1 as amended in the paper filed 5/28/2004, is drawn to a method of preparing a macromolecular array. Furthermore, step (c) of claim 1, recites the language "covalently attaching a plurality of macromolecules to a plurality of reactive groups on the polymeric brush." Claim 1, as amended, is directed to an invention that is independent or distinct from the invention originally claimed. Therefore the amendments, filed 5/28/2004 are not responsive to the previous Office action, filed 2/25/2004. See 37 CFR 1.111.

2. Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Art Unit: 1639

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark L. Shibuya whose telephone number is (571) 272-0806. The examiner can normally be reached on M-F, 8:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Wang can be reached on (571) 272-0811. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mark L. Shibuya
Examiner
Art Unit 1639

ms